

Population

- 700.000 urban
- 800.000 administrative
- 1,1 million agglomeration

Area

- 200 km² urban
- 640 km² administrative
- 2900 km² agglomeration

GDP

- Cca. 20.000 eur per capita
- PPS 106,6 (EU28 100)

EUROSTAT, 1km population grid

ORGANIZATION

Mayor, City Assembly (parliament)

City offices, institutions, companies

City Office for strategic planning and development:

- **Sector for strategic information and research**
- Sector for strategic planning
- Sector for spatial and urban planning
- Sector for development of city projects

Sector for strategic information and research – **integration of spatial information and city statistics** for decision support in city planning



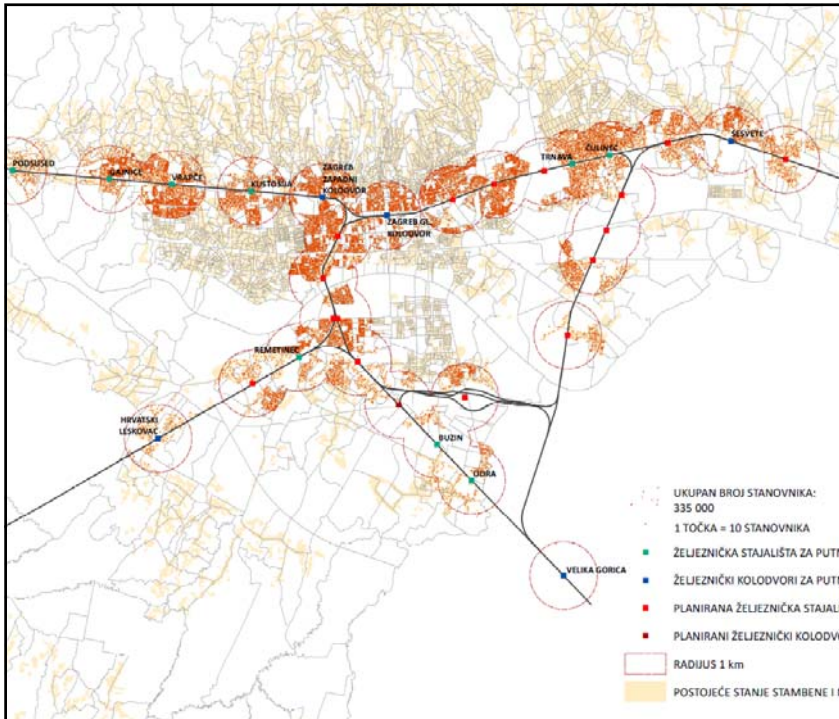
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CASE STUDIES

1. Railway in the city
2. Development of city tourism
3. New location for city hippodrome
4. Insight into city investments
5. 3D city model



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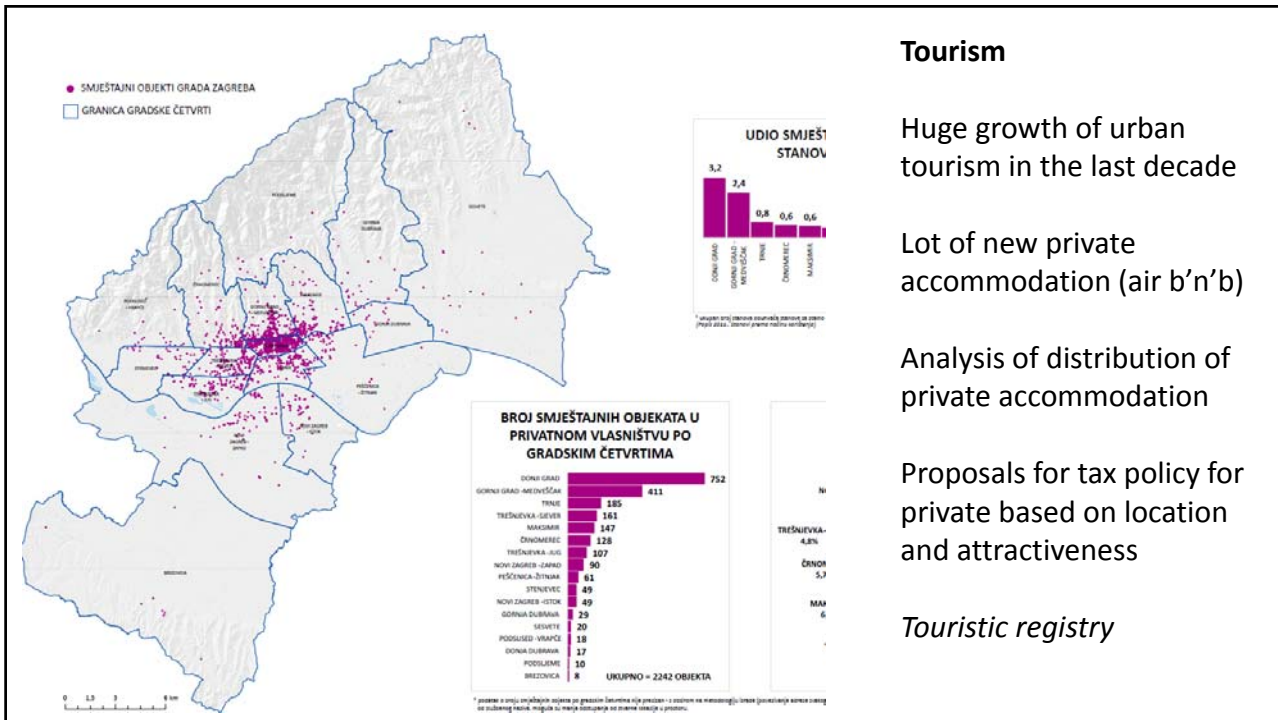
Railway

High speed high capacity public transport within city and surrounding

Spatio – statistical analysis of citizens and public services in vicinity of existing and planned stations

Basis for decisions in planning of new station positions

Census, Railway, Land use,



Tourism

Huge growth of urban tourism in the last decade

Lot of new private accommodation (air b'n'b)

Analysis of distribution of private accommodation

Proposals for tax policy for private based on location and attractiveness

Touristic registry



Hippodrome

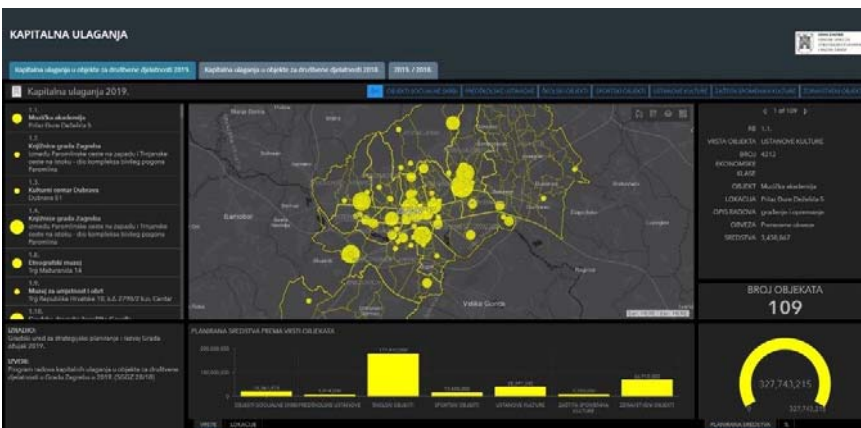
Plans for mixed use development on existing hippodrome and fair

Need for new location for hippodrome

Multicriteria analysis

4 suitable locations, with ranking

Land use plan, ownership, public services, traffic



City investments

Where are city investments in public services planned?

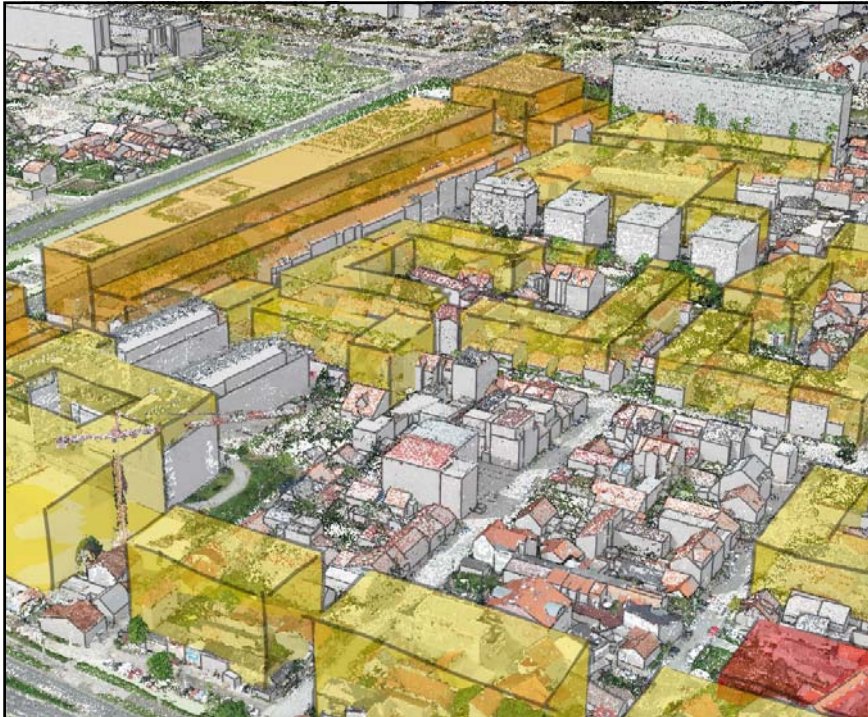
How much money will be spend on each one?

What is the purpose?

Transparency for citizens, but also tool for the administration

ESRI Dashboard technology

City investment plan



3D City model

Developed since 2008

Next dimension in city planning and management

Data and application

Urbanism, architecture, traffic, emergency management, noise mapping, climate simulations, marketing, education, ...

2d and 3d data

TRENDS AND CHALLENGES

- Informed decision making
- Integration of spatial information, statistics and official registries
- User friendly interfaces – dashboards, story maps ...
- 3D is „new normal“
- Georeferencing of official registries
- SDI, EU datasets and projects (Copernicus, EuroStat, ...)
- UAV, IoT, VGI, Crowdsourcing, ...
- Data science, AI, ...



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